

Application No.: 09/895,559

Docket No.: JCLA4020

**REMARKS****I. Present Status of the Application**

The Office Action The Office Action objected the title, specification, drawings, and claims 1, 3 and 5. The Office Action also rejected claims 1-5 under 35 U.S.C. § 112, ¶ 2, as being indefinite. The Office Action further rejected claims 1-5 under 35 U.S.C. § 103(a) as being unpatentable over applicants' admitted prior art ("AAPA").

Upon entry of the amendments in this response, the title of the invention, specification, drawings, and claims 1, 2 and 4 are amended, and claims 3 and 5 are cancelled without prejudice. Hence, claims 1, 2 and 4 remain pending in this application. The amendments of the independent claims 1 and 4 are supported by the specification, for example, from page 6, line 16 through page 7, 16. Applicants believe that the foregoing amendments do not introduce new matter. Thus, reconsideration of those claims is respectfully requested.

**II. Response to Objections and Rejections****A. Objection to the title**

The Office Action objected the title of the invention. The Examiner states that the title of the invention is not descriptive. In accordance with the Examiner's request, Applicants have changed the title of the invention. Accordingly, Applicants respectfully submit that the objection has been overcome and should be withdrawn.

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**B. Objection to the specification**

The Office Action objected the specification on the ground of informalities. In accordance with the Examiner's request, Applicants have made corrections. Accordingly, Applicants respectfully submit that the objection has been overcome and should be withdrawn.

**C. Objections to the drawings**

The Office Action objected the drawings. The Examiner states that certain reference signs (in Figs. 4A, 4B and 5) have not been mentioned in the description. The Examiner requests Applicant to make corrections. In accordance with the Examiner's request, Applicants have amended Fig. 4A and written description in the specification. Accordingly, Applicants respectfully submit that the objection has been overcome and should be withdrawn.

**D. Objections to the claims**

The Office Action objected claims 1, 3 and 5 because of informalities. In claim 1, "device" is inserted after "a result sorting and display" according to the Examiner's request. Claims 3 and 5 are cancelled. Accordingly, Applicants respectfully submit that the objection has been overcome and should be withdrawn.

**E. Rejections under 35 U.S.C. 112**

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The Office Action rejected claims 1-5 under 35 U.S.C. § 112, ¶ 2, as being indefinite. The Examiner asserts that the term "architecture" is a relative term which renders the claims indefinite.

Applicants amended claims 1, 2 and 4 by changing "architecture" to "system." Accordingly, Applicants respectfully submit that the grounds of rejections have been addressed and the rejections overcome. Reconsideration and withdrawal of the rejections are respectfully requested.

**F. Rejections under 35 U.S.C. § 103(a)**

The Office Action rejected claims 1-5 under 35 U.S.C. § 103(a) as being unpatentable over applicants' admitted prior art ("AAPA"). Applicants respectfully traverse the rejection as applied to the amended claims for at least the reasons set forth below.

To establish prima facie obviousness of a claimed invention, all the claim limitation must be taught or suggested by the prior art. M.P.E.P. § 2143.

The independent claims 1 and 4 recites, inter alter, the following:

the data storing signal is tested and compared by the microprocessor simultaneously in a time interval allocated for the clock signal being transmitted from the microprocessor to the semiconductor memory device.

(Emphasis added).

The AAPA does not have the foregoing limitations. As a consequence, the present invention provide a system with limitations to avoid extra time, as required in the AAPA, for

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buffer driving operation to access the data and for avoiding data overflow in the AAPA (see: specification, at page 3, lines 4-10, and at page 8, lines 7-17).

Therefore, because of the above substantial difference between the claimed invention and the AAPA, claims 1, 2 and 4 are not obvious over the AAPA. Accordingly, Applicants respectfully submit that the grounds of rejection have been addressed and the rejection has been overcome. Reconsideration and withdrawal of the rejection are respectfully requested.

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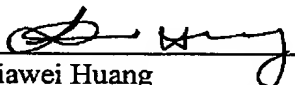
**CONCLUSION**

For at least the foregoing reasons, it is believed that the pending claims are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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